Two federal grants totaling $137,000 for laboratory study of model structures were recently received by IIT.

The smaller grant consists of a $55,000 allocation from the Department of Health, Education, and Welfare to be used to establish an undergraduate laboratory for the experimental study of model structures under the direction of Martin A. Elliott, IIT vice president for academic affairs.

The second grant of $82,000 from the National Science Foundation will be used for a two-year study of the elastic stability of folded plate structures. Both studies will be conducted under the direction of Dr. Sidney A. Guralnick, associate professor of civil engineering at IIT.

Dr. Guralnick said that the Hewlett Grant will enable him to determine the effect of various loads such as wind, earthquakes and other natural environmental factors on model structures of all types. In the past he said, such studies were usually made only on models of dams before construction.

The IIT study will include several model buildings including bridges, sheds, bridges and other structures which have become so complicated they cannot answer all the problems of funding tolerable loads. "Computers fail to completely answer all the problems," Guralnick said. "Because in some instances the last minute information to prepare complete computer programs for some very complicated problems." Guralnick further added that computers deal only with an "ideal" case, whereas the models are more adaptable to the actual problem. In the NSF-sponsored project, the object of the study will be loads which cause buckling in shell-like structures used for roofing over large, clear open spaces. These are called folded plate structures and they are usually made of concrete, but other building materials such as steel beams, and plastic and glass panels, may be used. Guralnick said the laboratory models, for example, will be made of aluminum and magnesium and all other commercial materials used.

The study will attempt to determine the effect of loads—such as snow, hanging loads such as lighting fixtures—and the structure's own dead weight—to find the maximum tolerable loads for the shell-like structure.

The new IITSA Board of Directors took office on Jan. 5. The members are: Al Ver, president; Rich Orzech, secretary; Len Bader, assistant treasurer; Ken Menner, treasurer; Tom Sloan, secretary; and Mike Bukin, social chairman.

This year 812 students exercised the franchise in IITSA voting. The turnout reflects a 34 percent increase over that of last year when only 600 votes were cast.

The election commission chairman Ray Murray attributed the large turnout to concentrated efforts during the day campaigning.

This intensive campaigning was generated primarily by the write-in candidates. However, all write-in votes were declared void because the written-in candidates were not nominated by the commission.

Election commission chairman Al Ver announced, "It was very pleasing to see the enthusiasm for this campaign was good and the large vote turnout was gratifying. I would hope that the turn- out will signal the beginning of a trend in Tech elections toward greater participation by the students."

In a statement to Technology News, newly elected IITSA president Al Ver outlined his programs for the coming year. He cited the main problem in IITSA as a lack of organization and direction among the student body. He hopes to achieve the only one with any idea of what was going to happen at an IITSA meeting, which he termed, "...the one with the best president." Ver explained, "and even then motions are often introduced from the floor with no prior foundation for their consideration."

Most of these motions were tabled and few got worthwhile consideration. Ver continued. "To solve this problem a new executive steering committee composed of the president, vice-president, secretary and treasurer."

"The purpose of the executive committee is to give formal direction to the organization." (Continued on page 4)

Crown Presents Baringer Exhibit For 2 Weeks

Crown Hall is the scene of an experimental painting exhibit which began Wednesday, Jan. 19. The collection presented by former student Richard Baringer will be on exhibit for two weeks and is open to the public.

Baringer, a native of Elkhart, Indiana, studied architecture at Harvard after completing his undergraduate studies in the Studio of Design here at IIT from 1939 through 1940. He was an assistant professor at the Institute for Design and is currently a special lecturer in design at Harvard.

Commenting Baringer states that in his paintings "the colors in the painting are more implicit within the overall image, but the large curved forms and the sweeping curves and changes also occur in colors which bring about the effect of movement within the painting itself."

The paintings will be on exhibit from Monday through Thursday from 8 am to 5 pm every day for two weeks. The painting is entitled "The Spring of the Rain."
Polscheck Closes Term as EIC With ‘Traditional’ Staff Eulogy

In a most fitting fashion, I am closing my career as EIC by publishing this weekly issue on Friday, Jan. 13. Not being one to break tradition, I shall devote this last "asleeIT" to thanking the staff for making the semester as palatable as possible.

First, I sincerely would like to thank a number of "unsung heroes" who devoted a few hours of their time each week to Technology News without fail every week. These include the copy staff of Margarete Handley and Ronne Toba, who faithfully read every last boring word of copy on Tuesday nights and Wednesday afternoons.

Three others without whom the paper would never have gotten off the layout sheets are Larry Hsokenma, John Swier, and Gordon Wells, whose typing skills and propensity to be both="asleeIT">

Administration’s Campus Image Needs Tuning

Guest Editorial by Rich Greb

Editor Emeritus

Shortly before vacation, Dr. Joshua Kind of LLP and Dr. S. Ronald Weiner of LLP held a meeting in Crown Hall to discuss a painting by Peter Holbrook which was hung in the Phalanx IV art show held in the HUB early this semester.

A slide show and discussion of Holbrook’s work, including the one removed, was presented. A general discussion on the purpose of a University, the validity of a pornographic designation being given the painting, and the conditions under which it was taken down followed.

Since then, I have spoken with William Dunbar, Hub director, and Dr. Roland Ginzell, exhibitions chairman of the Phalanx group and associate professor of art at the U of I, Chicago Circle campus, in an attempt to clear up some details.

At this time, the initiating cause of the painting’s removal remains obscure. Sources named include the artists themselves, the President’s office, and the HUB staff on complaints from students and passers-by.

It was noted that the show was unjuried. This means that artists are invited to exhibit without their work being seen before it is hung.

Concern was held that the painting should not have been removed, but recognizes time and place as factors. In a building labeled “Art Gallery” this decision is more distinct. In a public building, such as the HUB, some justification for removal is seen.

Dr. Ginzell admitted that to the layman the painting is probably pornographic, but stated that to the art community it is only a curiosity.

Dr. Kind felt that the painting’s artistic worth is such that to satisfy legal qualifications and to find the work not pornographic. Dunbar expressed that the plade for the show is the HUB, not a gallery. In the HUB students are forced to see it and be exposed to some degree of culture.

He added that, even if they were made ugly or uncomfortable, they were evidencing an emotional response to art, perhaps the first in their life, and he felt that the purpose of such shows is to introduce children to culture, whether they want it or not.

The reaction of the other artists was noted as being opposed to removal, but not loudly so.

Feeling on the purpose of a University can be summed up as follows: it is to expose students to experience and allow them to think and reach their own opinions.

In short, it appears that some form of censorship has existed, that its validity is questionable in this case, and that, in general, censorship, in any form, is frowned on in the university community.

But what does the whole incident mean?

HIT is trying to become a university. In the Dec. 9 issue of Technology News, I discussed what I feel are some of the symptoms of this growth, and corresponding obligations of the student body. At the end of the article, mention was made of the administration’s image.

Outside campus, HIT’s image is of the conservative school of engineering turning out robots only interested in their side rules, and having no room for intellectual gaming, literature majors, or discussion of social problems.

On campus, the image shows the conservative administration holding a whip and forbidding. Liquor is forbidden; girls are forbidden, picketing is forbidden, free thought, free discussion, and social awareness are all forbidden. The administration is present only to censor, or at least so it appears. Fortunately, these things are not true, but the idea that they are is almost as bad.

Consider the question of liquor: the rules say there is none on campus. Many of us realize that the administration knows this is not true, and ignores infractions. This leads to unrealness, and garbled ideas of the administration’s purposes. The situation should be clarified, either by enforcing the rule or by the campus becoming legally wet.

The question of sexual awareness: about two years ago, the “general tone of the shelves” was used as an excuse after a book was removed from the Commons drug store. At that time, a Technology News editorial noted that there was no real “general tone” to the shelves. Today this is more true, but the phrase still exists.

About four years ago a coed was campaigned for a month because she was in the Carnen Hall “fish bowl” with her date’s head cradled in her lap. There has been no change in the rules, so theoretically the same action would still be liable to similar punishment. But it doesn’t appear to. Throughout, a garbled version is presented.

The question of free discussion: here we return to the Crown Hall meeting. I have long been under the impression that such a piece as the one on Holbrook’s painting would have to be cleared by the administration,

I was informed by Dr. Weiner that the meeting was not so handled. He and Dr. Kind just decided to hold it and find out what the students felt.

Dr. Weiner and Dr. Kind may not have reached any conclusions at the meeting, but they did cause some people to think. This justifies these. Two represent the finer teachers at HIT, those working hardest to make HIT the university, rather than the release gimmick. Such impromptu exchanges must exist in order to reach this goal.

HIT is changing but the administration is not keeping pace with the faculty and the PR department. The result is that we, the students, are left in the dark. The problem is looking at the "reality" of the rules, thinking of PR releases as mere publicity, and maintaining invalid concepts of our school. In short we are made to use an incoherent muddle.

On campus, HIT has no image.

It is time for administrators to sit down and reviwe so that image and reality agree.

ANNOUNCEMENTS

Peace Corps
The Peace Corps will hold its candidate test on Feb. 14 and April 25 in Conference Room 306 of the HUB. The test will begin promptly at 3:30 pm and will last two hours.

APO Book Exchange
The APO book exchange will be open to collect books on Thursday and Friday, January 19 and 20. Books should be brought to the APO office in the HUB basement during the noon hour. Books will be sold during orientation week.

Technology News
Published every Friday during the school year by the students at Illinois Institute of Technology, 3333 South State Street, Chicago. Printed in Chicago, Illinois. Nothing in this paper may be reprinted without permission of the editor. Address all communications to: Editor-in-Chief: John Austin Business Manager: Dave Dunbar Associate Editor: shopping 1967

February 13, 1967

Page 2
Dr. Hayashi Named Head of Bio Dept.

A major appointment to the faculty of Illinois Institute of Technology was announced recently by Dr. Martin A. Elliott, IIT vice-president for academic affairs. Dr. Tetsu Hayashi, new chairman of the department of zoology at Columbia University and an internationally recognized authority on the physiology of cell movement, will become chairman of the department of biology at IIT in February, 1967.

In discussing his plans for the department at IIT, Dr. Hayashi stated that, since the vast field of biology is the most rapidly changing of all the sciences in a world that is being changed by science at a rate that has no historical parallel, an academic program in biology must be ready to move.

Dr. Hayashi indicated that two principles would guide his approach to an academic program in biology. “The first,” he said, “is that the scholarly approach to knowledge is necessary to make science and the humanities intelligent, is a concept of fundamental importance in a science-oriented world.”

“The second principle is that knowledge and understanding stem not so much from the discovery of new facts, but from the rearrangement of new relationships between these facts.”

Noting that the great advances in biology during the last several decades have resulted from knowledge derived from the physical and chemical sciences, Dr. Hayashi said that IIT, because of its established excellence in these fields, offers great opportunities for fruitful interaction between biological and physical scientists.

Dr. Hayashi said that since no single department is large enough to cover all aspects of biology at the graduate level, faculty and graduate research at IIT would concentrate at the level of the living cell. “A program of research centered on the cell,” he said, “will enable to turn out biologists well-trained in the related sciences, so that biochemists, chemical biologists, molecular biologists and biochemists may all be expected to emerge from IIT.”

Dr. Hayashi, a native of Atlantic City, N. J., joined the faculty of Columbia University in 1946, after having taught and conducted research in zoology at the University of Missouri and having been an instructor in physics for the US Army Air Force during World War II. He has headed the Columbia department of zoology since 1956. He is the author or co-author of approximately forty technical papers in the field of cell physiology.

IIT Curriculum To Include Public Management Course

The inauguration of a graduate program in public administration designed for beginning and mid-career public officials was announced recently by Dr. Martin A. Elliott, IIT academic vice-president. The program will be supported in part by a $50,000 grant from the Field-C. L. Ingalls Testamentary Trust, set up under the will of C. L. Ingalls, a vice president and director of the Harris Trust and Savings Bank, who died in 1959.

In describing the new program, Dr. Martin A. Elliott said its major objective is to assist in increasing the professionalism of public administration, particularly in the Chicago area. The program will provide a curriculum for full-time students and will also permit practicing public administrators to participate part-time in evening classes.

The grant awarded IIT provides for a Bowman C. Ingalls Fellowship which will be awarded annually to students entering the Master of Public Administration program who meet the criteria of intellectual ability and interest in the practice of public administration and who will be eligible to compete for the fellowship which provides a stipend of $4,800 yearly.

The director of the program is Dr. Margaret G. Oslund, associate professor in IIT’s department of political and social science. Before coming to Chicago, Dr. Oslund taught public administration and management at the University of Missouri, Kansas City, and at the University of Southern California.

Dr. Oslund, discussing the need for the program, said, “It is obvious that more and more intelligent people are entering the field and the need for public administrators to operate governmental units efficiently and effectively in a world that is changing at an astonishing rate.”

The new program will offer three options: one for beginning officials and mid-career officials, another for university-trained public administrators, and the third for full-time professional officials.

INSURANCE AUTO & LIFE INSURANCE at special rates for college students and faculty.

JUST CALL 663-0663

FRANK ROCKWELL
FRANK PARIS or DAN O’DAY

PARIS-DAY & ASSOC.
277 S. La Salle St.
Room 1110
Chicago, III. 60604

QUICK-SIZE
MANEUVERS LIKE MAGIC

Chevelle Malibu Sport Coupe with new standard safety features throughout.

Thrive on quick decisions...but so relaxing inside.

Give it a mile and it takes a mile. Run it through an s-curve and it comes out flat, smooth, and confident. Chevelle Malibu. This no-nonsense car from Chevrolet. When it comes to turning on the steam, Chevelle is no slouch. Its Turbo-Fire 283 provides plenty of zip when you need it.

Inside, the Malibu Sport Coupe abounds with rich, soft carpeting, a thickly padded instrument panel, and seats for five if you need them. Visit your Chevrolet dealer’s soon. Let a maneuverable Malibu bring out the driving man in you.

Now at your Chevrolet dealer’s
Ver Intends To Reactivate Executive Steering Committee

(Continued from page 1) bet's proposals before they reach the floor of the meeting. In this manner, the executive board will know what to expect from meetings, and action can be taken on issues immediately," concluded Ver.

Ver believes strongly in the value of committees in the governmental process, but feels that they must have proper direction. In the past, certain ITSA committees, public relations in particular, have been lacking in leadership. The constitutional power to change and correct this situation exists, and if necessary we intend to use that power," declared Ver.

"Another excellent use of committees is in investigating issues presented before ITSA," Ver elaborated. "In the past, this has been a very successful method of putting representatives to work and getting them involved in the procedure of student government. I'd like to continue and expand this idea."

Ver was asked his opinion of a vote in ITSA for Pub Board. He explained the issue: "This question meets problems because it entails constitutional revisions which must be incorporated in the entire student body, although Pub Board represents the interests of only a fraction of that body. "It is my belief that the Pub Board vote would represent a very important segment of the student body, though. The budget factor and my desire to see a more truly representative cross-section of student opinion on the ITSA voting role lead me to support Pub Board in its effort to secure a vote on the ITSA Board."

Aren't All Men Equal?
by Allen H. Aspengren

College students here we stand... because our parents had two grand... Enough to keep us from the draft... But fellow students is it really right that we should study rather than fight?... Is it right to be classified 1-S... and thus avoid the whole Viet Nam mess?... Is it not our country too, be you Catholic, Protestant or Jew?... Is it not for peace we cry... our fellow Americans die?... Why should we be different from the rest, because of a deferment test?... In my opinion, I can't see why... we are better than the ordinary G.I. of the rest are all men were people... and consequently should be treated equal... Why aren't they?...

Looking for Self-Fulfillment
SHERUT LA'AM -- ISRAEL
MAY BE YOUR ANSWER

TO: Sherut La'Am (Service to the People) 515 Park Avenue New York, N. Y. 10022

I am a graduate -- undergraduate (underline one) between 19-30 and would like to serve in Israel without obligation. FREE information telling how I can serve a full year in Israel for only $70 which includes round trip fare. (A limited number of long-term loans are available) I understand a knowledge of Hebrew is not a pre-requisite.

NAME (PLEASE PRINT) __________________________ COLLEGE OR UNIV. __________________________

MAJOR FIELD OF STUDY __________________________ STREET ADDRESS __________________________

CITY __________________________ STATE __________________________ PHONE (Optional) __________________________

Barbara F. Towler

Editor

January 13, 1967

Follett’s pays you more for your used texts—

If you want quick cash for your paperback or hardbound texts — get out of line at the book exchange and get over to Follett’s. Follett’s pays top dollar on all textbooks, even if they are not used again on your campus. You say that’s not enough... you want more? O.K., I’ll tell you what we’re going to do.

You can double your money at Follett’s That’s right, every day for the next two weeks, one student each day, who sells his used texts to Follett’s and has his form drawn at the close of the buying day, will double his take. This means that if we pay you $20.00 for your books you can receive an additional $20.00 by check.

So, hurry and gather up all your books. $30.00 worth of books can mean $60.00... $50.00 can mean $100.00... $200.00 can mean $400.00... $1,000,000 can mean $2,000,000.00... Wowie, zonk, gulp!!!

Follett's
    CHICAGO'S LARGEST EDUCATIONAL BOOK STORE
324 S. WABASH AVE. HA 7-2614 CHICAGO, ILL.
Exhibition of Impressionist Painter Manet Opens at Art Institute Today

An exhibition of Edouard Manet's work, the largest since the memorial exhibition in Paris, 1884, opens at the Art Institute of Chicago, Friday, Jan. 13 and continues thru Sunday, Feb. 19, 1967. More than 200 paintings, drawings, and graphic works were assembled from some 80 private and museum collections for exhibition. Noted critics have called this the once-in-a-lifetime chance to study this great nineteenth century artist's work in depth. Manet has been called the forerunner and the follower of Impressionism but he himself refused to participate in the group's shows or to join any special movement. He could not conform to academic restrictions of the movement and his originality as an artist gained him only the label of anarchist.

Subjects of his pictures include sidewalk cafes, the race track, bullfights, picnics on the river, concerts in the park, the opera and ballet. Submitted to the art Salons, they were refused or bitterly criticized and ridiculed. A few critics and lifelong friends of Manet, however, had a clear vision of his future acclaim as a painter. "We may laugh at Monsieur Manet," said Emile Zola, "it is our sons who will go into engravings over his canvases."

The Irish writer George Moore said, "In Manet there is nothing but good painting and it is therefore possible that he might live till he is 80 without obtaining recognition."

Today Manet is recognized as one of the world's great artists. "If one single factor can be held responsible for his greatness," states Dr. Anne Coffin Hansen in the exhibition catalogue, "it was his ability, or his compulsion, to preserve a naive view of which resisted again and again the restrictions of academic training."

FREE TEXTS
at Follett’s every day!

FOR SOME LUCKY STUDENTS

Every day during the textbook rush — Follett’s will be giving some student FREE TEXTBOOKS. That's right, all your textbooks free. Here's all you have to do — buy your new or used texts at Follett's, fill out the attached form then drop it in the box next to the cashier as you leave. Every night Follett's will draw a winner — and that winner will receive a check from Follett's for the amount of his or her textbook purchases. It's that simple. So save this ad and bring it to Follett's with you when you buy your new or used texts for next semester. (Additional forms will be available at Follett’s.)

Even if your name isn't drawn you're still a winner when you buy your new and used texts at Follett's. Follett's has the widest selection of texts in the Chicago area and at the lowest prices.

NAME _________________________________________

HOME ADDRESS ____________________________________________________________________________

CITY _______________ STATE ________________

PHONE ____________ (Winners' names will be posted daily)

NAME _________________________________________

HOME ADDRESS ____________________________________________________________________________

CITY _______________ STATE ________________

PHONE ____________ (Winners' names will be posted daily)

BETHELHEM STEEL

CONTRIBUTORS TO EDUCATION THROUGH SERVICE AND TRADITION

324 S. WABASH AVE. HA 7-2614 CHICAGO, ILL.
Swimmers Set 3 School Records, Look To Better .500 Mark

by Gene Bader

With the semester ending, the TIT swimming team has an even record of three wins and three losses. The victories were Milwaukee Tech, Wilson Junior College, and Shimer College; while the setbacks were hands of Rockford College, Wright Junior College, and Elgin Community College.

Coach Ted Eriksen has been pleased with the teams performance, but thinks the Techawks could improve their scores with greater depth. Particular problem events are the breaststroke, buttefly, and diving.

Three school records were set in competition last month. Bill Henford, a freshman, established records in both the 100-yard and 200-yard freestyle. His winning times were 55.9 seconds and 2:19 respectively. Paul Miklos set another school record in the 1000-yard freestyle with a time of 13:20.3.

As of right now, the leading point scores for this season are Henford with 84 points, followed by Schoenderwood with 59 points, Miklos with 43, Keller with 42, and Mike Green 40.

Looking forward to next semester, Coach Eriksen is hoping for the team to improve its record. However, he is worried about losing team members due to academic problems.

Eriksen would welcome any students who were reluctant to try out because of scholastic uncertainty. Any new members would do much to bolster the team, which is presently operating at a minimum number.

The Tote Board

by Mike Bellettie

Well, this week’s Ad Sheet marks the last issue of Technology News this semester. This abbreviated sport page is also my last as Sports Editor of TN, as other newspaper evils lie ahead for me in the upcoming semester.

This last semester actually saw the hopes of many students uplifted, as actual construction of the long awaited gym finally began.

Since the construction has begun, however, doubts and lack of information and oft times general pessimism have clouded the minds of many Tech faculty members and students, as to whether or not the gym would be done by next Sept. 1, the contracted completion date.

Right from the start, construction was behind. By the middle of November it looked as though the building was already weeks behind schedule.

In the past few weeks, however, just when it appeared that the situation was reaching a dangerous point, some “in orbit” adjustments were made.

Pressure is now being applied by the administration through the Institute Vice president and Treasurer, Mr. Raymond Spashet, upon the general contractor, A. J. Maggie and Company.

Weekly progress and planning meetings between the general contractor and the various subcontractors are now being held.

In addition, progress reports are being given to both Mr. Spashet and the archbuses, Skidmore, Owings and Merrill.

At the present time construction, according to the contractor, is approximately four weeks behind schedule.

Things seem to be going better now, however. The cement for the foundation has been poured, and the progress reports indicate a good deal of cooperation on the part of the Maggie firm towards meeting the September deadline.

Basketball coach Ed Glancy has been told to make out next years schedule, with the assurance that his team will be playing in the new gym.

From my point of view it looks nip-and-tuck as to whether the deadline will be met. The eight people have finally exerted their influence, and progress is on the upswing.

In closing, I’d like to wish my successor, Gene Bader, the best of luck in what I consider a rewarding and interesting job.

I would also like to thank Ray Murray, Jerry Jacobsen, Jim Leach and Bob Koch for their writing assistance this semester.

SPECIAL TO IIT STUDENTS

THIS AD WORTH..............$ .50

on a $2.00 Cleaning Load (8 lbs.)

COIN - CLEAN - INC.

NORGE VILLAGE

Under New Management

3450 SOUTH GILES

Are you sure today is homecoming?

"Coca-Cola" and "Coke" are registered trade marks which identify only the product of The Coca-Cola Company.

Any game is more fun with ice-cold Coke on hand. Coca-Cola has the taste you never get tired of...always refreshing. That's why things go better with Coke...after Coke...after Coke.

Sponsored under the authority of The Coca-Cola Company by Coca-Cola Bottling Co. of Chicago.